

ABSTRACT

A machine for collecting and reducing wood including a prime carrier; a debris collector operatively attached to the prime carrier; a shredder assembly attached to the prime carrier, the shredder assembly having an input and an output; a storage bin for holding reduced wood, the storage bin attached to the prime carrier; and a conveyor adapted to move reduced wood from the output of the shredder assembly to the storage bin. The prime carrier may also have a universal adapter of substituting attachments.

A variable torque, drum shredder for reducing wood. The drum shredder includes a housing; a tapered cutting drum rotatably mounted within the housing; an anvil; at least one cutting blade disposed about an outer surface of the cutting drum to provide a compound cutting angle; and a drive connected to the cutting drum.

A shredder having a discharge assembly adapted for accommodating discharged material with at least two major discharge streams with at least two major discharge directions.